



# UNITED STATES PATENT AND TRADEMARK OFFICE

50  
UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/877,370	06/07/2001	Firoz Kanchwalla	INFO-P009	1777

758 7590 07/13/2005

FENWICK & WEST LLP  
SILICON VALLEY CENTER  
801 CALIFORNIA STREET  
MOUNTAIN VIEW, CA 94041

EXAMINER
----------

ABEL JALIL, NEVEEN

ART UNIT	PAPER NUMBER
----------	--------------

2165

DATE MAILED: 07/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/877,370

Applicant(s)

KANCHWALLA ET AL.

Examiner

Neveen Abel-Jalil

Art Unit

2165

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on April 25, 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 23-31 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 26 is/are allowed.
- 6) ☒ Claim(s) 23-25 and 27-31 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_

*Continued Examination Under 37 CFR 1.114*

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 25-April-2005 has been entered.
2. The amendment filed on 25-April-2005 has been received and entered. Claims 1-22 have been cancelled. Claims 23-31 are now pending.

*Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 23-25, and 27-31 are rejected under 35 U.S.C. 102(e) as being anticipated by Griffiths et al. (EP 1164511 A2).

As to claims 23, 29, and 30, Griffiths et al. discloses a method for tracking historical data from different sources, computer program product for tracking historical data from different sources, comprising:

a computer-readable medium (See Griffiths et al. paragraph 0008); and  
computer program code, encoded on the medium, for controlling a computer system to  
(See Griffiths et al. paragraph 0008) perform the operations of:  
processing source-specific data originating at sources with disparate formats into source-  
independent data with a single, common format (See Griffiths et al. paragraph 0006);  
storing the source-independent data (See Griffiths et al. paragraphs 0005-0007);  
automatically determining dimensions of the stored data having historically significant  
attributes (See Griffiths et al. paragraphs 0026-0029); and  
in response to a change to a dimension having a historically significant attribute, creating  
a historical record of the change (See Griffiths et al. paragraph 0033).

As to claim 24, Griffiths et al. discloses in response to a change to a dimension without a  
historically significant attribute, overwriting the dimension (See Griffiths et al. paragraphs 0024-  
0025).

As to claim 25, Griffiths et al. discloses wherein creating a historical record of the change  
further comprises:

maintaining the stored dimension having a historically significant attribute in a first  
record (See Griffiths et al. paragraphs 0026-0029); and

storing the change to the dimension having a historically significant attribute in a second  
record (See Griffiths et al. paragraphs 0026-0029).

As to claim 27, Griffiths et al. discloses wherein processing source-specific data originating at sources with disparate formats into source-independent data with a single, common format (See Griffiths et al. paragraphs 0005-0007) further comprises:

performing source-related clean up (See Griffiths et al. paragraphs 0024-0026).

As to claim 28, Griffiths et al. discloses wherein processing source-specific data originating at sources with disparate formats into source-independent data with a single, common format (See Griffiths et al. paragraphs 0005-0007) further comprises:

configuring unique key identification information (See Griffiths et al. paragraph 0011, also see Griffiths et al. paragraph 0032).

As to claim 31, Griffiths et al. discloses a system for tracking historical data from different sources, comprising:

a source adapter for processing source-specific data originating at sources with disparate formats into source-independent data with a single, common format (See Griffiths et al. paragraphs 0005-0007); and

an analytic data interface for storing the source-independent data, automatically determining dimensions of the stored data having historically significant attributes, and creating a historical record of a change to a dimension having a historically significant attribute, wherein the analytic data interface (See Griffiths et al. paragraphs 0016-0018, also see Griffiths et al. paragraph 0023) further comprises:

a record generation module for storing dimensions (See Griffiths et al. paragraph 0035);

a key generation module for generating keys to uniquely identify records (See Griffiths et al. claims 1-8 language); and

an association module for associating and re-associating selected keys with selected records (See Griffiths et al. paragraph 0034).

### *Reasons for Allowance*

5. Claim 26 is allowed over the prior art made of record.

6. The following is a statement of reasons for allowance:

The prior art of record (Griffiths et al. -EP 1164511 A2-and-Apt-U.S. Patent No. 5,970,464-and-Papierniak et al.-U.S. Patent No. 6,151,601-and-Bello et al.-U.S. Patent No. 6,477,525) do not disclose, teach, or suggest the claimed limitations of (in combination with all other features in the claim), creating a historical record of the change...creating a first record for the stored dimension having a historically significant attribute, generating a first key, as claimed in Independent claim 26.

### *Response to Arguments*

7. Applicant's arguments with respect to claims 23-31 have been considered but are moot in view of the new ground(s) of rejection.

*Conclusion*

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

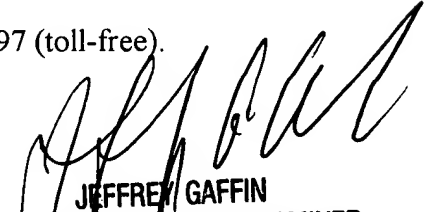
Bair et al. (U.S. Patent No. 6,003,024) teaches performing joint operation on dimensions in a database while keeping track of changes using a time attribute.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Neveen Abel-Jalil whose telephone number is 571-272-4074. The examiner can normally be reached on 8:30AM-5:30PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey A. Gaffin can be reached on 571-272-4146. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Neveen Abel-Jalil  
July 1, 2005

  
JEFFREY GAFFIN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100